

Exceptions to EarthSat Specifications

EarthSat expects to deliver 7,600 scenes of Landsat TM imagery and 7,600 scenes of Landsat MSS imagery. It is estimated that at least 4,500 TM and 6,200 MSS scenes will be acquired from EDC. It is estimated that 2,800 TM and 1,100 MSS will be acquired from FGRS's. This Appendix includes excerpts from contract NAS13-98046 which lay out exceptions in the global geographic coverage and cloud coverage of the EarthSat products.

Geographic Coverage Exceptions for the TM and the TM Mosaic Products

EarthSat's review of the Landsat data archives at EDC and the list of the holdings of the foreign ground receiving stations which have been reported to EDC, indicate that more than 90% of the Earth's land areas will be covered by suitable Landsat Thematic Mapper imagery acquired between 1987 and 1993. The following areas are not fully covered:

- **Inland Antartica**
- **Southernmost Argentina**
- **Central China**
- **Some of the Pacific Islands**
- **Central Siberia**
- **Some of the Indonesian and Phillipine Archipelagoes**

Geographic Coverage Exceptions for the MSS Product

EarthSat's review of the Landsat data archives at EDC and the list of the holdings of the foreign ground receiving stations which have been reported to EDC, indicate that more than 90% of the Earth's land areas will be covered by suitable Landsat Multispectral Scanner imagery acquired between 1972 and 1977. Coverage of the following areas is incomplete:

- **Antartica**
- **Northern Greenland**
- **Central Africa**
- **Southern Argentina and Chile**
- **Central America**
- **Northern South America**
- **Siberia**
- **Southern South America**
- **The Indonesian and Philipine Archipelagoes**

Cloud Cover Exceptions

More than 90% of the scenes are 19% or less cloud cover